



10/667, 232  
(340300003)

16869G - 875

PTO/SB/106(5-00)

Approved for use through 10/31/02. OMB 0651-0032

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## Declaration and Power of Attorney for Patent Application

特許出願宣言書及び委任状

Japanese Language Declaration

日本語宣言書

私は、以下に記名された発明者として、ここに下記の通り宣言する : As a below named inventor, I hereby declare that:

私の住所、郵便の宛先そして国籍は、私の氏名の後に記載された通りである。 My residence, post office address and citizenship are as stated next to my name.

下記の名称の発明について、特許請求範囲に記載され、且つ特許が求められている発明主題に関して、私は、最初、最先且つ唯一の発明者である（唯一の氏名が記載されている場合）か、或いは最初、最先且つ共同発明者である（複数の氏名が記載されている場合）と信じている。

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

THIN FILM MAGNETIC HEAD

上記発明の明細書はここに添付されているが、下記の欄がチェックされている場合は、この限りでない :

\_\_\_\_\_ に日に出願され、  
この出願の米国出願番号またはPCT国際出願番号は、  
\_\_\_\_\_ であり、且つ  
\_\_\_\_\_ の日に補正された出願（該当する場合）

The specification of which is attached hereto unless the following box is checked:

was filed on \_\_\_\_\_  
as United States Application Number or  
PCT International Application Number  
\_\_\_\_\_ and was amended on  
\_\_\_\_\_ (if applicable).

私は、上記の補正書によって補正された、特許請求範囲を含む上記明細書を検討し、且つ内容を理解していることをここに表明する。

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

私は、連邦規則法典第37編規則1.56に定義されている、特許性について重量な情報を開示する義務があることを認める。

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the need of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner of Patents and Trademarks, Washington, DC

**Japanese Language Declaration**  
(日本語宣言書)

私は、ここに、以下に記載した外国での特許出願または発明者証の出願、或いは米国以外の少なくとも一国を指定している米国法典第35編題365条(a)によるPCT国際出願について、同第119条(a)-(d)項又は第365条(b)項に基づいて優先権を主張するとともに、優先権を主張する本出願の出願日よりも前の出願日を有する外国での特許出願または発明者証の出願、或いはPCT国際出願については、いかなる出願も、下記の枠内をチェックすることにより示した。

I hereby claim foreign priority under Title 35, United States Code, Section 119 (a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT International application which designated at least one country other than the United States listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application for which priority is claimed.

**Prior Foreign Application(s)**  
外国での先行出願

**Priority Not Claimed**  
優先権主張なし

2003-130983 (Number) (番号)	Japan (Country) (国名)	9/May/2003 (Day/Month/Year Filed) (出願日／月／年)	<input type="checkbox"/>
---------------------------------	----------------------------	---	--------------------------

 (Number) (番号)	 (Country) (国名)	 (Day/Month/Year Filed) (出願日／月／年)	<input type="checkbox"/>
----------------------	-----------------------	---	--------------------------

私は、ここに、下記のいかなる米国仮特許出願についても、その米国法典第35編119条(e)項の利益を主張する。

I hereby claim the benefit under Title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below.

(Application No.) (出願番号)	(Filing Date) (出願日)	(Application No.) (出願番号)	(Filing Date) (出願日)
-----------------------------	------------------------	-----------------------------	------------------------

私は、ここに、下記のいかなる米国出願についても、その米国法典第35編第120条に基づく利益を主張し、又米国を指定するいかなるPCT国際出願についても、その同第365条(c)に基づく利益を主張する。また、本出願の各特許請求の範囲の主題が、米国法典第35編第112条第1段に規定された態様で、先行する米国出願又はPCT国際出願に開示されていない場合においては、その先行出願の出願日と本国内出願日またはPCT国際出願日との間の期間中に入手された情報で、連邦規則法典第37編規則1.56に定義された特許性に関わる重要な情報について開示義務があることを承認する。

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s), or 365(c) of any PCT international application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code Section 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of application.

(Application No.) (出願番号)	(Filing Date) (出願日)	(Status: Patented, Pending, Abandoned) (現況 : 特許許可、係属中、放棄 )
-----------------------------	------------------------	---

(Application No.) (出願番号)	(Filing Date) (出願日)	(Status: Patented, Pending, Abandoned) (現況 : 特許許可、係属中、放棄 )
-----------------------------	------------------------	---

私は、ここに表明された私自身の知識に係わる陳述が真実であり、且つ情報と信ずることに基づく陳述が、真実であると信じられることを宣言し、さらに、故意に虚偽の陳述などを行った場合は、米国法典第18編第1001条に基づき、罰金または拘禁、若しくはその両方により処罰され、またそのような故意による虚偽の陳述は、本出願またはそれに対して発行されるいかなる特許も、その有効性に問題が生ずることを理解した上で陳述が行われたことを、ここに宣言する。

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

**Japanese Language Declaration**  
(日本語宣言書)

委任状：私は本出願を審査する手続を行い、且つ米国特許商標庁との全ての業務を遂行するために、記名された発明者として、下記の弁護士及び／または弁理士を任命する。（氏名及び登録番号を記載すること）

**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith (list name and registration number).

Robert C. Colwell, Reg. No. 27,431; Babak S. Sani, Reg. No. 37,495; Chun-Pok Leung, Reg. No. 41,405; George B. F. Yee, Reg. No. 37,478 and Barmak Sani, Reg. No. 45,068

## 書類送付先

Send Correspondence to:

Robert C. Colwell  
TOWNSEND and TOWNSEND and CREW LLP  
Two Embarcadero Center, 8th Floor  
San Francisco, California 94111-3834

## 直通電話連絡先：（氏名及び電話番号）

Direct Telephone Calls to: (name and telephone number)

Telephone: (650) 326-2400  
Fax: (650)326-2422

## 唯一または第一発明者氏名

Full name of sole or first inventor

Shigekazu OHTOMO

## 発明者の署名

日付

Inventor's signature

Date

*Shigekazu Ohtomo* Aug. 20, 2003

## 住所

Residence

Sayama, Japan

## 国籍

Citizenship

Japan

## 郵便の宛先

Post office Address

c/o Hitachi Global Storage Technologies Japan, Ltd. IP Supprt Room(FU-R&P)  
1, Kirihara-cho, Fujisawa-shi, Kanagawa-ken,  
252-8588 Japan

## 第二共同発明者がいる場合、その氏名

Full name of second joint inventor, if any

Hiroshi FUKUI

## 第二共同発明者の署名

日付

Second inventor's signature

Date

*Hiroshi Fukui* Aug. 21, 2003

## 住所

Residence

Hitachi, Japan

## 国籍

Citizenship

Japan

## 郵便の宛先

Post office Address

c/o Hitachi Global Storage Technologies Japan, Ltd. IP Supprt Room(FU-R&P)  
1, Kirihara-cho, Fujisawa-shi, Kanagawa-ken,  
252-8588 Japan

(第三以下の共同発明者についても同様に記載し、署名をすること)

(Supply similar information and signature for third and subsequent joint inventors.)

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

第三共同発明者がいる場合、その氏名		Full name of third joint inventor, if any	
		Sunao YONEKAWA	
第三共同発明者の署名	日付	Third inventor's signature	Date
		<i>Sunao Yonekawa Aug. 21. 2003</i>	
住所	Residence		
	Odawara, Japan		
国籍	Citizenship		
	Japan		
郵便の宛先	Post office Address		
	c/o Hitachi Global Storage Technologies Japan, Ltd. IP Supprt Room(FU-R8P) 1, Kiriha-cho, Fujisawa-shi, Kanagawa-ken, 252-8588 Japan		
第四共同発明者がいる場合、その氏名		Full name of fourth joint inventor, if any	
		Yoji MARUYAMA	
第四共同発明者の署名	日付	Fourth inventor's signature	Date
		<i>Yoji Maruyama Aug. 21. 2003</i>	
住所	Residence		
	Iruma, Japan		
国籍	Citizenship		
	Japan		
郵便の宛先	Post office Address		
	c/o Hitachi Global Storage Technologies Japan, Ltd. IP Supprt Room(FU-R8P) 1, Kiriha-cho, Fujisawa-shi, Kanagawa-ken, 252-8588 Japan		
第五共同発明者がいる場合、その氏名		Full name of fifth joint inventor, if any	
		Tadayuki IWAKURA	
第五共同発明者の署名	日付	Fifth inventor's signature	Date
		<i>Tadayuki Iwakura Aug. 21, 2003</i>	
住所	Residence		
	Odawara, Japan		
国籍	Citizenship		
	Japan		
郵便の宛先	Post office Address		
	c/o Hitachi Global Storage Technologies Japan, Ltd. IP Supprt Room(FU-R8P) 1, Kiriha-cho, Fujisawa-shi, Kanagawa-ken, 252-8588 Japan		
第六共同発明者がいる場合、その氏名		Full name of sixth joint inventor, if any	
第六共同発明者の署名	日付	Sixth inventor's signature	Date
住所	Residence		
国籍	Citizenship		
郵便の宛先	Post office Address		

# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

**TOTAL AMOUNT OF PAYMENT** (\$ 170)

Complete if Known	
Application Number	10/667,232
Filing Date	September 18, 2003
First Named Inventor	Ohtomo, Shigekazu
Examiner Name	Unassigned
Art Unit	Unassigned
Attorney Docket No.	16869G-087500US

#### METHOD OF PAYMENT (check all that apply)

Check  Credit Card  Money Order  Other  None  
 Deposit Account:

Deposit Account Number  
20-1430

Deposit Account Name  
Townsend and Townsend and Crew LLP

The Director is authorized to: (check all that apply)

Charge fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s) or any underpayment of fee(s)  
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

#### FEE CALCULATION

##### 1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
1001 770	2001 385	Utility filing fee	
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	

SUBTOTAL (1) (\$)

##### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

		Fee from below	Fee Paid
Total Claims		Extra Claims	
Independent Claims			
Multiple Dependent		X	

Large Entity	Small Entity	Fee Description
Fee Code (\$)	Fee Code (\$)	
1202 18	2202 9	Claims in excess of 20
1201 86	2201 43	Independent claims in excess of 3
1203 290	2203 145	Multiple dependent claim, if not paid
1204 86	2204 43	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)

\*\* or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)			
3. ADDITIONAL FEES			
Large Entity	Small Entity		
Fee Code	Fee Code		
1051 130	2051 65	Surcharge - late filing fee or oath	Fee Paid 130
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet.	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 420	2252 210	Extension for reply within second month	
1253 950	2253 475	Extension for reply within third month	
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,330	2501 665	Utility issue fee (or reissue)	
1502 480	2502 240	Design issue fee	
1503 640	2503 320	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Petitions related to provisional applications	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	40
1809 770	2809 385	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR § 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	
Other fee (specify)			
*Reduced by Basic Filing Fee Paid			
SUBTOTAL (3) (\$170)			

#### SUBMITTED BY

Name (Print/Type)	David N. Slone	Registration No. (Attorney/Agent)	28,572	Telephone	650-326-2400
Signature	David Slone			Date	January 23, 2004

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.